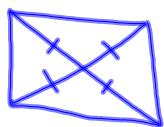


Ch 8.2-8.6 Test

8.2 Parallelograms

- Both sets opp sides \parallel
- Both sets opp sides \cong
- Diagonals bisect each other
- Both sets opp \angle s \cong
- Cons. \angle s suppl.



8.3 Is it a parallelogram?

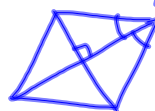
- ① def of ()
- ② If both sets opp sides \cong
- ③ If diag. bis each other
- ④ If both sets of opp \angle s \cong
- ⑤ If one pair of opp sides Both \cong & \parallel

8.4 Rectangles

- 5 \square facts
- 4 Rt \angle s
- diagonals \cong

8.5 Rhombuses and Squares

- Rhombus
- 5 \square facts
 - 4 \cong sides
 - diag. \perp
 - diag bis. \angle s



Schcahto
Pyth thm

Square
everything



Given the coordinates of a parallelogram,
is it a rectangle, rhombus, or square?
List all that apply.

Check diagonals

\cong Rect

\perp Rhombus

(slopes opp reciprocal)

Square

8.6 Trapezoids

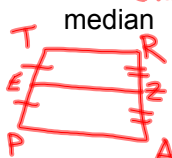
define 1 set of \parallel sides

isosceles

- legs \cong

- diag \cong

base \angle s \cong



$$EZ = \frac{1}{2}(TR + AP)$$

